

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:
400795546
(SUBMITTED)

APPLICATION FOR PERMIT TO:

☒ Drill ☐ Deepen ☐ Re-enter ☐ Recomplete and Operate

TYPE OF WELL OIL ☐ GAS ☐ COALBED ☒ OTHER Pilot ☐
ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐
Refilling ☐
Sidetrack ☐

Date Received:

Well Name: Morales 34-6-6U Well Number: 1
Name of Operator: CATAMOUNT ENERGY PARTNERS LLC COGCC Operator Number: 10464
Address: 1801 BROADWAY #1000
City: DENVER State: CO Zip: 80202
Contact Name: Nolan Redmond Phone: (720)484-2344 Fax: (720)484-2363
Email: nredmond@catamountep.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20130096

WELL LOCATION INFORMATION

QtrQtr: Lot 2 Sec: 6 Twp: 34N Rng: 6W Meridian: M
Latitude: 37.214430 Longitude: -107.538680
Footage at Surface: 7 feet FNL/FSL FNL 1804 feet FEL/FWL FEL
Field Name: IGNACIO BLANCO Field Number: 38300
Ground Elevation: 6952 County: LA PLATA
GPS Data:
Date of Measurement: 12/04/2014 PDOP Reading: 2.2 Instrument Operator's Name: Kenny Rea
If well is ☒ Directional ☐ Horizontal (highly deviated) submit deviated drilling plan.
Footage at Top of Prod Zone: FNL/FSL FNL/FWL Bottom Hole: FNL/FSL FNL/FWL
102 FNL 1933 FEL 220 FNL 1950 FEL
Sec: 7U Twp: 34N Rng: 6W Sec: 7U Twp: 34N Rng: 6W

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Surface Owner is: ☐ is the mineral owner beneath the location.
(check all that apply) ☐ is committed to an Oil and Gas Lease.
☐ has signed the Oil and Gas Lease.
☐ is the applicant.

The Mineral Owner beneath this Oil and Gas Location is: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well: Yes

The right to construct the Oil and Gas Location is granted by: Bond

Surface damage assurance if no agreement is in place: Blanket Surface Surety ID: 20130097

LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

N/2NE/4, SE/4NE/4, W/2SE/4 S7U T34N R6W

Total Acres in Described Lease: 200 Described Mineral Lease is: ☒ Fee ☐ State ☐ Federal ☐ Indian

Federal or State Lease # _____

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 102 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1002 Feet
Building Unit: 1002 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 610 Feet
Above Ground Utility: 628 Feet
Railroad: 5280 Feet
Property Line: 625 Feet

INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a: ☐ Buffer Zone
☐ Exception Zone
☐ Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: _____

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: _____

SPACING and UNIT INFORMATION

Distance from Completed Portion of Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 919 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 731 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): _____ Unit Number: _____

SPACING & FORMATIONS COMMENTS

Spacing Unit is a combination of Section 7U-T34N-R6W and the shortened section 6U-T34N-6W.

OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
FRUITLAND COAL	FRLDC	112-215	363	E/2

DRILLING PROGRAM

Proposed Total Measured Depth: 2804 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 1932 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H₂S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H₂S Drilling Operations Plan)

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? No

BOP Equipment Type: ☐ Annular Preventor ☒ Double Ram ☐ Rotating Head ☐ None

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 608

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Commercial Disposal

Cuttings Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted?

Reuse Facility ID: or Document Number:

CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	9+5/8	36	0	425	260	425	0
1ST	8+3/4	7	26	0	2804	290	2804	0

☒ Conductor Casing is NOT planned

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- ☐ Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- ☐ Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- ☐ Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- ☐ Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 318A.a. Exception Location (GWA Windows).
- ☐ Rule 318A.c. Exception Location (GWA Twinning).

RULE 502.b VARIANCE REQUEST

☐ Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number

OTHER LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 318.c. Exception Location from Rule or Spacing Order Number
- ☐ Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

OPERATOR COMMENTS AND SUBMITTAL

Comments Surface is located in an irregular section. Ongoing negotiations are occurring for a SUA.

This application is in a Comprehensive Drilling Plan _____ CDP #: _____

Location ID: _____

Is this application being submitted with an Oil and Gas Location Assessment application? _____ No _____

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Nolan Redmond _____

Title: Geo/Eng Tech _____ Date: _____ Email: nredmond@catamountep.com _____

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC _____ Date: _____

Expiration Date: _____

API NUMBER

05

Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

Best Management Practices

No	<u>BMP/COA Type</u>	<u>Description</u>
1	Wildlife	Catamount will avoid drilling operations from Dec. 1st - April 15th to minimize disturbance to wildlife, assuming current rig availability does not change.
2	Material Handling and Spill Prevention	Drilling mud or brine will be contained in above ground steel tanks. Drill cuttings and solids that have been separated from the drilling fluid by the shale shakers, mud cleaner or centrifuge will be captured in above ground portable steel cuttings bins and hauled to a 3rd party disposal site that is permitted as required by applicable State and Federal rules and regulations. Excess drilling fluid will be stored in above ground portable steel tanks and will be transferred to the active circulating system as needed. At the completion of drilling activity remaining drilling fluid will be used on another well or disposed of as allowed by Local, State and Federal law. The well pad will have a secondary containment berm to prevent spills, releases, and pollution. The berm will be capable of containing 110% of the fluids stored on location
3	Drilling/Completion Operations	Rule 317.p: Logging Program Description: Open-hole Resistivity Log with Gamma Ray Log run from TD into the surface casing. Cement Bond Log run on production casing or on intermediate casing if production liner is run. The Form 5 Completion Report will list all logs run and the logs will be attached.
4	Drilling/Completion Operations	A closed loop system will be used during drilling operations so a pit will be unnecessary.
5	Final Reclamation	Equipment will be painted with dull, non reflective paint slightly darker than the surrounding landscape. Noxious weeds will be controlled onsite by herbicide application based on recommendations from the La Plata County weed control technician and will be applied by a professional.

Total: 5 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400866411	DIRECTIONAL DATA
400866412	DEVIATED DRILLING PLAN
400866413	WELL LOCATION PLAT
400866425	P&A ASSESSMENT
400866427	OTHER
400866607	OffsetWellEvaluations Data
400866703	WELLBORE DIAGRAM

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)